Installation and User Guide for
ViScope 100
Real Time Data Transfer Software to PC

Version 3.1

HD Medical Services India Pvt Limited
#48, Industrial Estate, Perungudi,
Chennai-600096 INDIA.

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Real Time Data Transfer Software to PC

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Table of Contents

1 Intended Use 5
2 Conventions used in this User Guide 5
3 User Assistance 5
4 Introduction to ViScope 100 Software 6
5 Features 6
6 System Requirements 6
7 Installation of ViScope 100 Software: 7
7.1 ViScope 100 Driver installation 7
7.2 Installing the USB cable Drivers 8
7.3 Installation of Serial Port: 14
7.4 ViScope 100 Software installation 18
7.5 Connecting ViScope 100 Device through Different USB Ports 20
Launching ViScope 100 Software 22
Launching ViScope 100 Software 23
8 Tools & Their Functions 24
8.1 "Refresh" Button 24
8.2 "Open" Button 25
8.3 "Freeze" Button from Device (not in the software) 26
8.4 "Save" Button 27
8.4.1 Transferring of waveforms to PC 28
8.5 "Caliper" Button 30
8.6 Thumb Views 31
8.7 "Zoom" Button 31
8.8 Zoom out 33
8.9 Player 33
8.10 Print Button 34
8.11 Report 35
8.12 Search 35
9 Uninstalling ViScope 100 Software 37
10 Common Error Messages and Rectification 38

1 Intended Use

This user guide is a reference for Real time data transfer from ViScope 100 to PC hereinafter referred to as "ViScope 100 Software". It provides information on the features and functions.

Before going through ViScope 100 Software, user should become thoroughly familiar with ViScope 100 device operation.

Read the information in this user guide before using "ViScope 100 Software"

2 Conventions used in this User Guide

- When steps in operating ViScope 100 Software are numbered, it implies that it should be followed in sequence.
- Bulleted lists represent information, but do not imply a sequence.
- V x.x.x represents respective versions of software provided in general.

3 User Assistance

For Technical information and assistance -

Contact

service@hdmedicalgroup.com

4 Introduction to ViScope 100 Software

ViScope 100 Software for Windows based Operating system allows the user to acquire and save heart sounds using ViScope 100 device for analyzing and generating patient reports. It is also used for transferring the waveforms stored in device to PC for analyzing and generating patient reports.

5 Features

- Ability to acquire/retrieve heart sounds displayed by ViScope 100 device and save them along with the patient's information on the computer.
- Displays waveforms for quick and correct identification of murmurs and gallops.
- Visualization tools include zoom and calipers.
- Facilitates generation of printable patient specific reports.
- Can View the Tutor files provided in the ViScope 100 CD using "ViScope 100 Software".
- Can be used to transfer the stored waveforms stored in device to PC for analyzing and generating patient reports.

NOTE: Tutor waveforms and other files saved using ViScope 100 Software can ONLY be opened with ViScope 100 Software.

6 System Requirements

Recommended operating system - Windows 2000 / Windows XP / Windows Vista
RAM Requirements – Minimum 64MB
Hard disk Space – 100MB

NOTE: ViScope 100 Software is best suited for PC monitor resolution of 1024 X 768 Pixels

7 Installation of ViScope 100 Software:

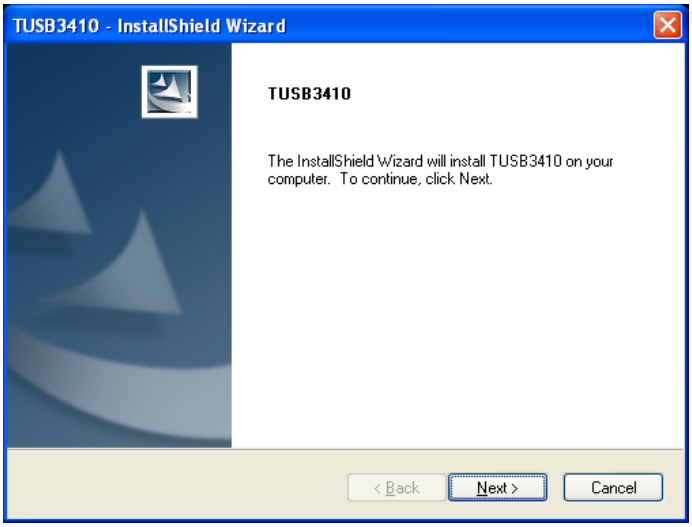
7.1 ViScope 100 Driver installation

- **For Vista :**

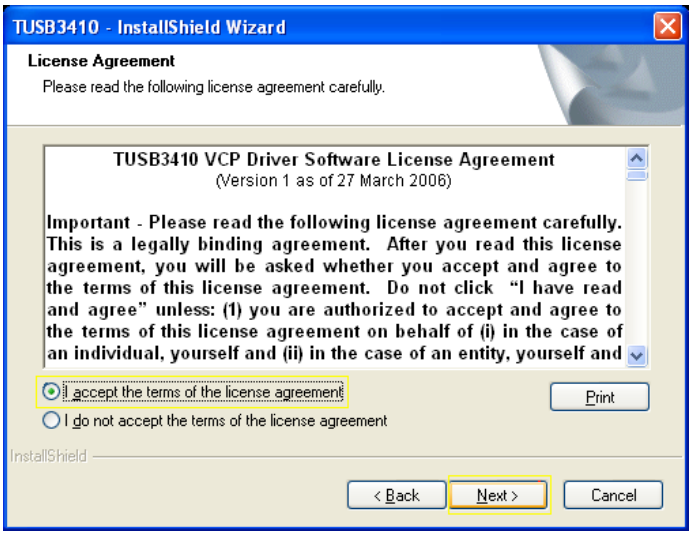
1. Open the "Data acquisition Software" folder from the CD provided and open "ViScope USB Driver - Vista" folder in it.

2. Double click on "setup.exe" to initiate installation
   Data acquisition Software → ViScope USB Driver → Vista → setup.exe

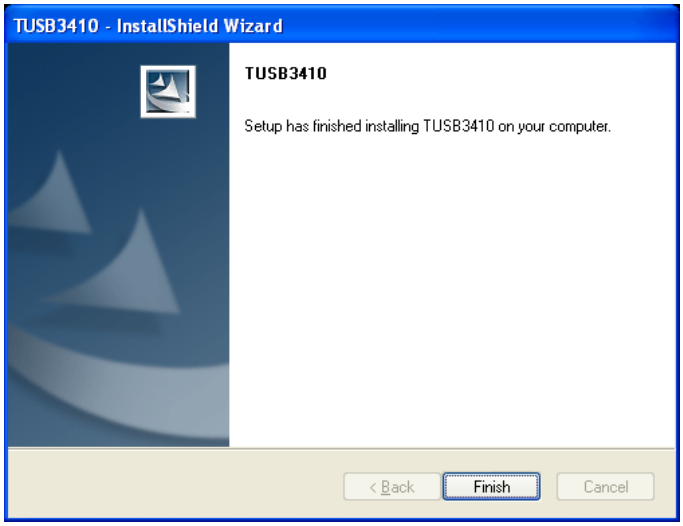
This brings the initial driver set-up screen as follows


TUSB3410 - InstallShield Wizard
TUSB3410
The InstallShield Wizard will install TUSB3410 on your computer. To continue, click Next.
< Back
Next >
Cancel

3. Select "I accept" and click next.


TUSB3410 - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
TUSB3410 VCP Driver Software License Agreement
(Version 1 as of 27 March 2006)
Important - Please read the following license agreement carefully. This is a legally binding agreement. After you read this license agreement, you will be asked whether you accept and agree to the terms of this license agreement. Do not click "I have read and agree" unless: (1) you are authorized to accept and agree to the terms of this license agreement on behalf of (i) in the case of an individual, yourself and (ii) in the case of an entity, yourself and
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

4. Select “Finish”

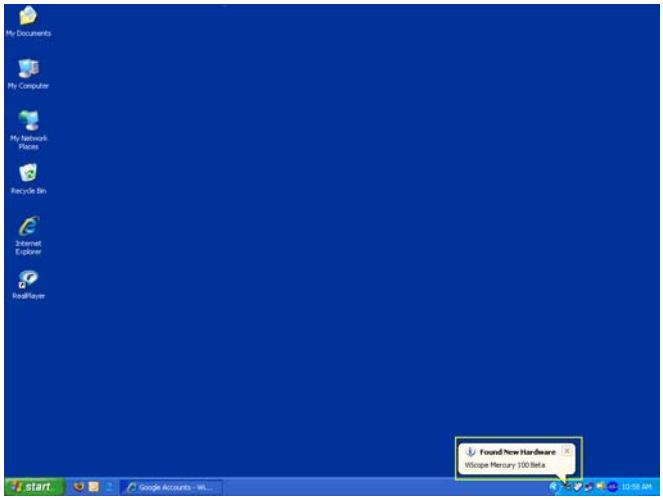


NOTE: For Win XP and Win 2000 Professional the user can start with Setup procedure as mentioned in Sec 7.2 below

7.2 Installing the USB cable Drivers

Connect the ViScope 100 Device and your PC with the USB – Cable provided along with ViScope 100 Kit.

1. “New hardware found” message would pop up at the bottom right corner of the Monitor as below.



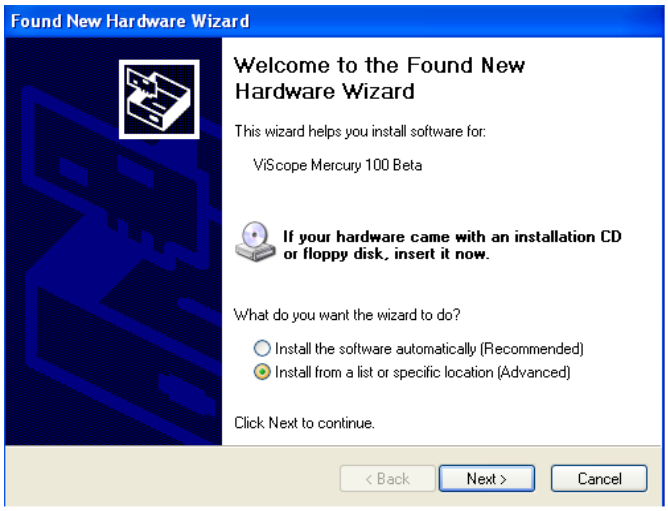
- **For Win XP & Win 2000 Professional :**

2. Select the second option "Yes, now and every time I connect a device" & select "Next"

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

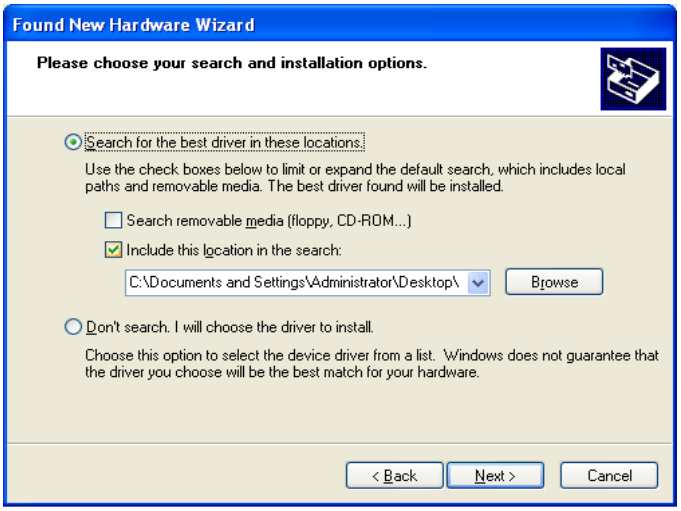
3. Select the second option "Install from list or specific location (Advanced)" in the resulting screen.

4. Click "Next" and proceed.

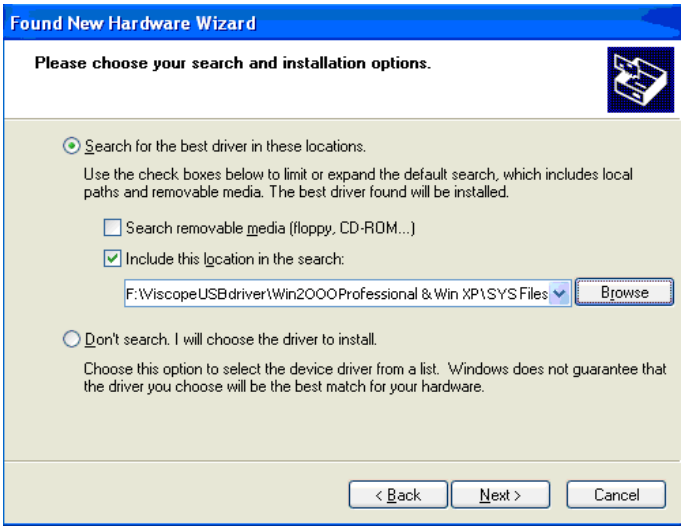

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
ViScope Mercury 100 Beta
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

This will lead the user to specify the folder in which the driver installation files are located.

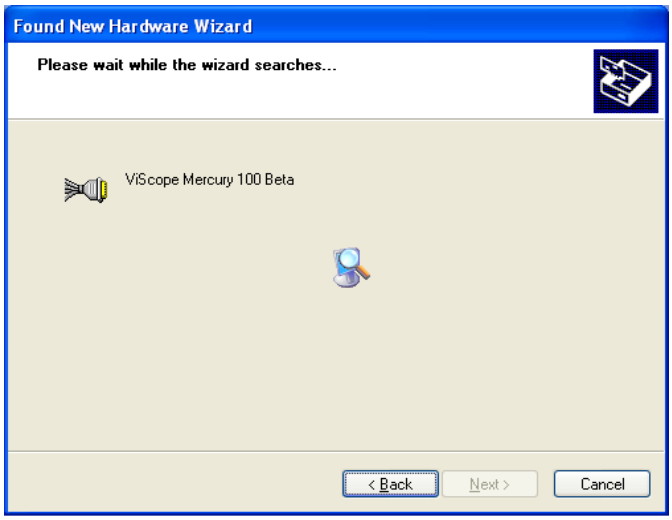
5. Click "Browse" and select the location **"Data acquisition Software\ViScope USB Driver\Win 2000 Professional & WinXP \ SYS Files"** from the original CD contents


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
C:\Documents and Settings\Administrator\Desktop\
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

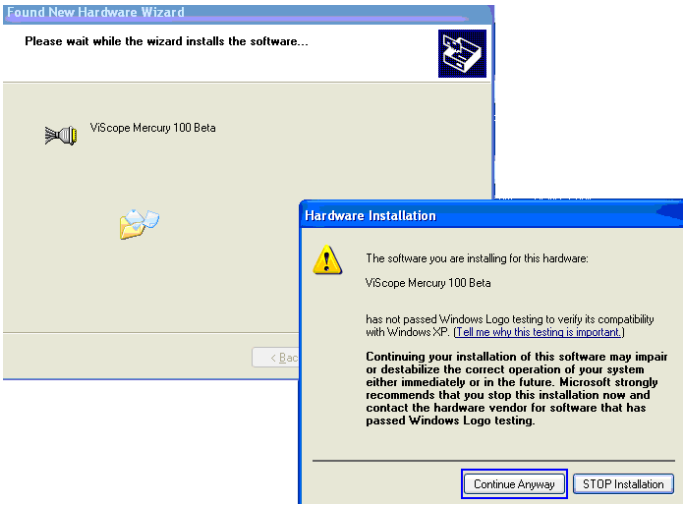
6. Select "Next"


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
F:\ViscopeUSBdriver\Win2000Professional & Win XP\SYS Files
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

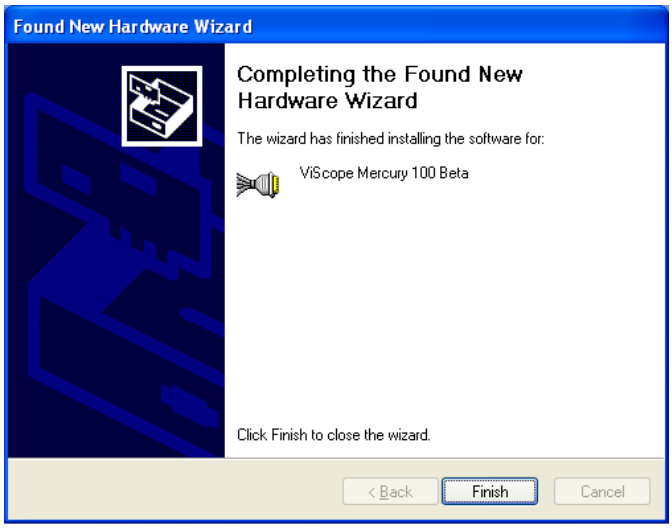
7. The system completes the search and locates the file, Select "Next"



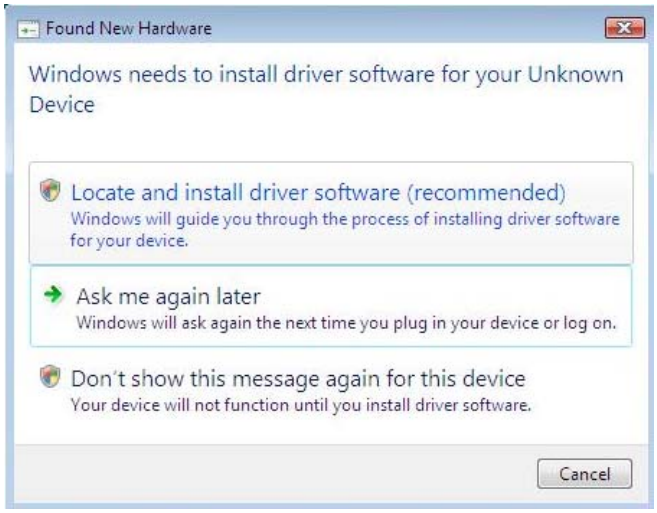
8. In case the following screen appears click “Continue Anyway”


Found New Hardware Wizard
Please wait while the wizard installs the software...
ViScope Mercury 100 Beta
Hardware Installation
The software you are installing for this hardware:
ViScope Mercury 100 Beta
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

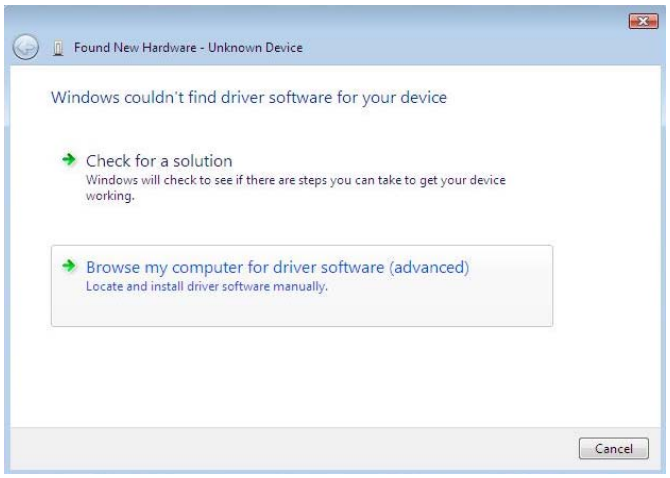
9. Once the installation is completed, select “Finish”


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
ViScope Mercury 100 Beta
Click Finish to close the wizard.
< Back
Finish
Cancel

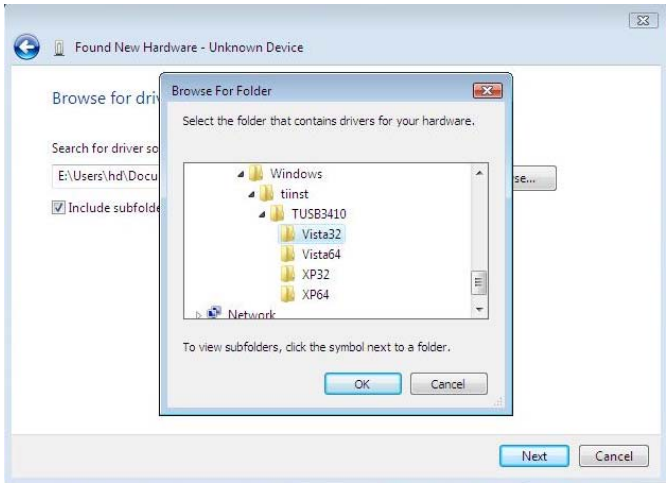
- **For Vista :**
  1. Select "**locate and install driver software(recommended)**"


Found New Hardware
Windows needs to install driver software for your Unknown Device
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

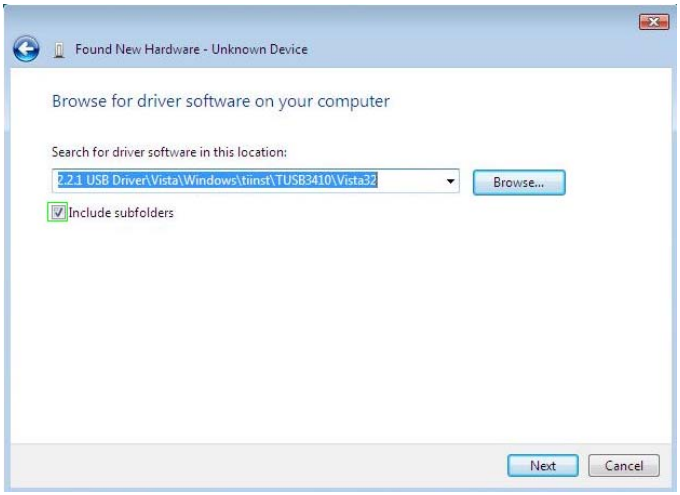
  2. Select "**Browse my computer for driver software(advanced)**"


Found New Hardware - Unknown Device
Windows couldn't find driver software for your device
Check for a solution
Windows will check to see if there are steps you can take to get your device working.
Browse my computer for driver software (advanced)
Locate and install driver software manually.
Cancel

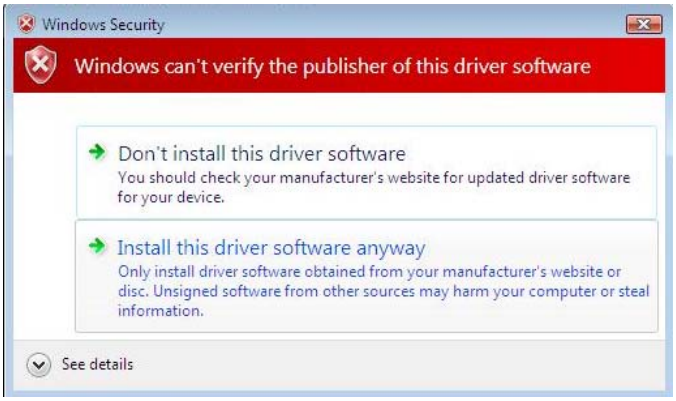
3. Browse to path **"Data acquisition Software\ViScope USB Driver\ Vista\ windows\ tiinst\ TUSB3410\ Vista32"**



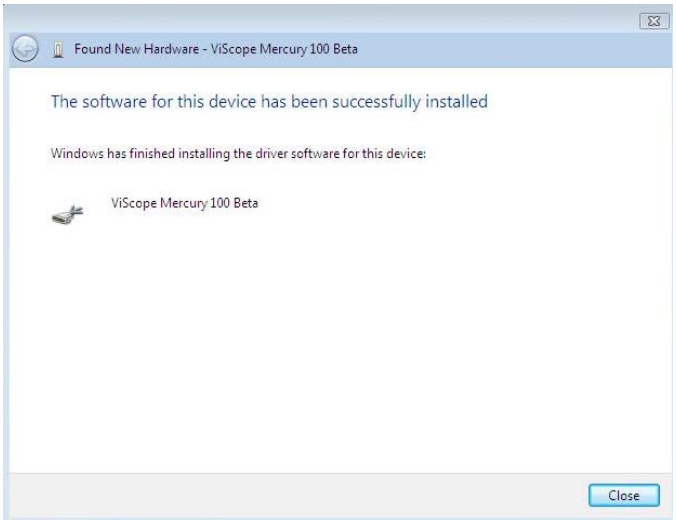
4. Select Next



5. Click Continue anyway


Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

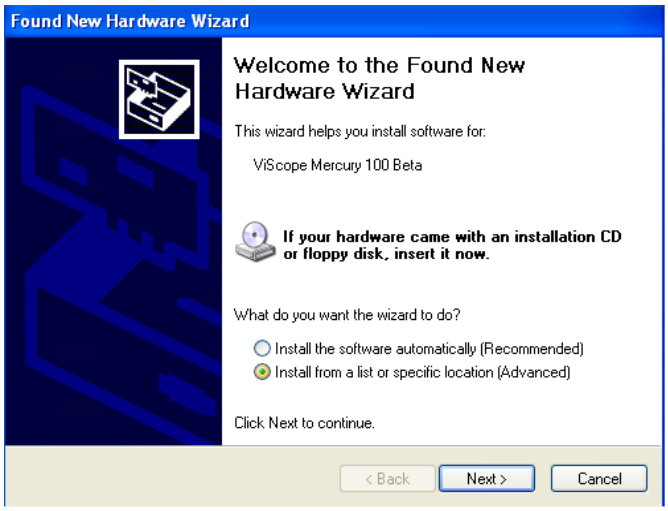
6. Click Finish.


Found New Hardware - ViScope Mercury 100 Beta
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
ViScope Mercury 100 Beta
Close

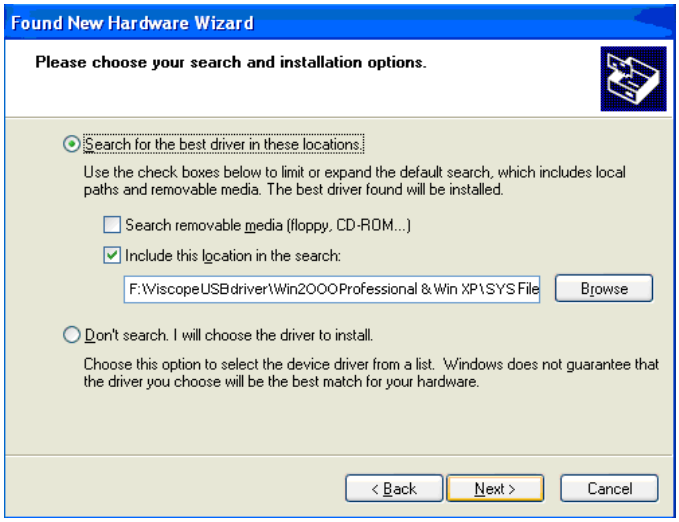
7.3 Installation of Serial Port:

- **For Win XP & Win 2000 Professional :**

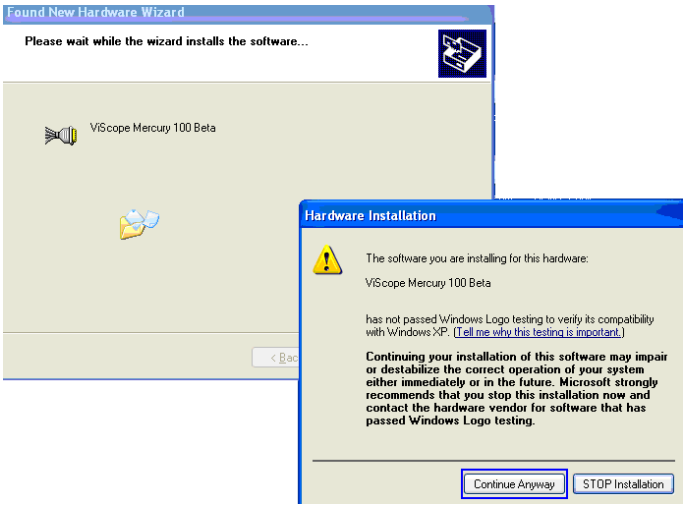
1. Once the USB drivers are installed, Select second option "**Install from list or specific location (Advanced)**" from the next instruction screen that pops up. Select "Next"


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
ViScope Mercury 100 Beta
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

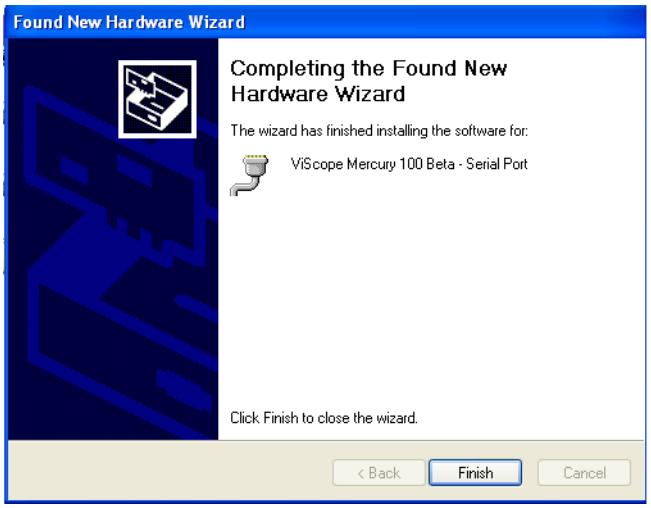
2. Browse the same path as earlier "Data acquisition Software\ViScope USB Driver\Win 2000 Professional & WinXP \ SYS Files" & select "next"


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
F:\ViscopeUSBdriver\Win2000Professional & Win XP\SYS File
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

3. This will complete the port - driver installation and the following screen will appear. Select "Continue Anyway"


Found New Hardware Wizard
Please wait while the wizard installs the software...
ViScope Mercury 100 Beta
Hardware Installation
The software you are installing for this hardware:
ViScope Mercury 100 Beta
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

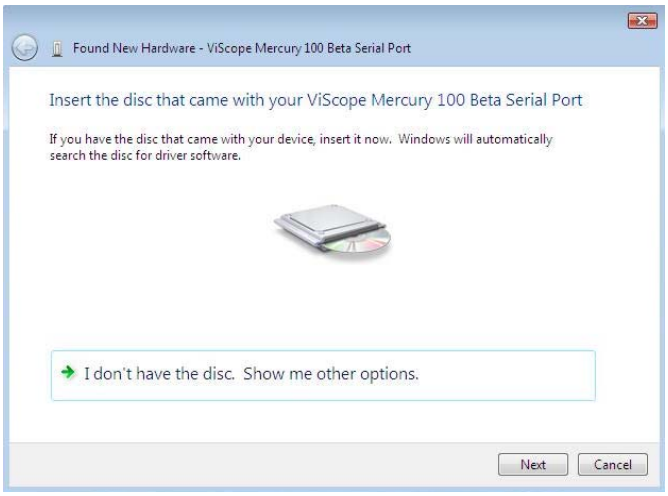
4. click “Finish”


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
ViScope Mercury 100 Beta - Serial Port
Click Finish to close the wizard.
< Back
Finish
Cancel

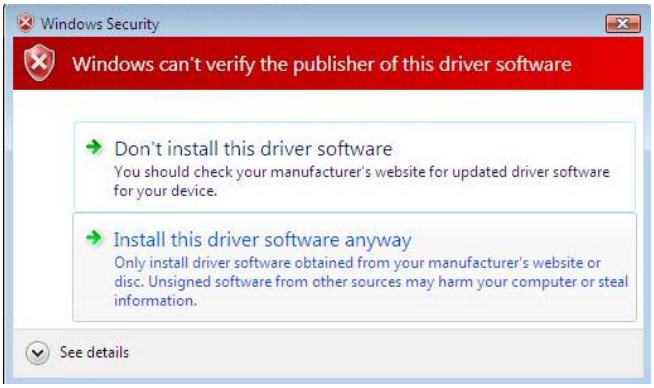
Plug out the device from the PC USB port and start the ViScope 100 Software Setup procedure for installation as mentioned in Sec 7.4 below

- **For Vista:**

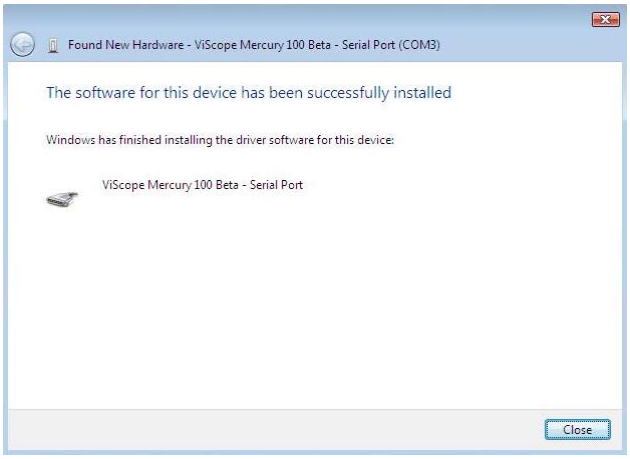
1. click next


Found New Hardware - ViScope Mercury 100 Beta Serial Port
Insert the disc that came with your ViScope Mercury 100 Beta Serial Port
If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.
I don't have the disc. Show me other options.
Next
Cancel

2. Select "**Install this Driver software anyway**"


Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

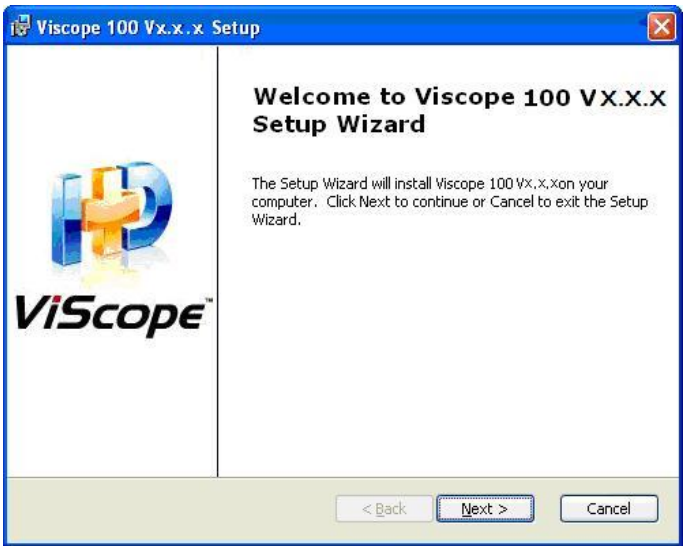
3. click finish


Found New Hardware - ViScope Mercury 100 Beta - Serial Port (COM3)
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
ViScope Mercury 100 Beta - Serial Port
Close

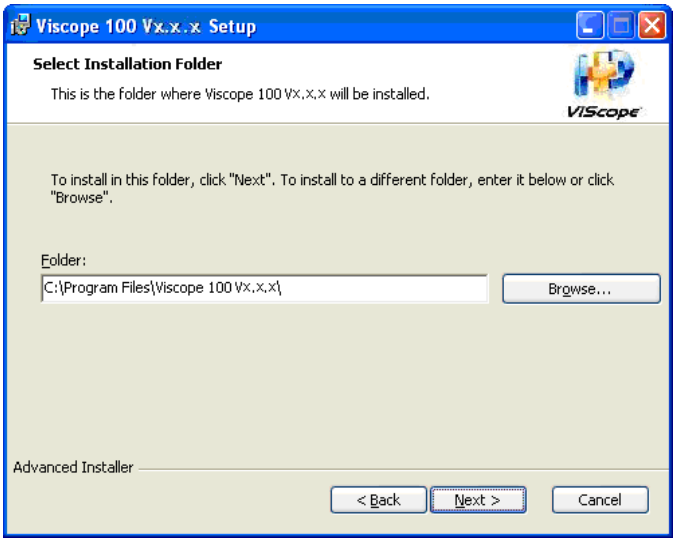
Plug out the device from the PC USB port and start the ViScope 100 Software Setup procedure for installation as mentioned in Sec 7.4 below

7.4 ViScope 100 Software installation

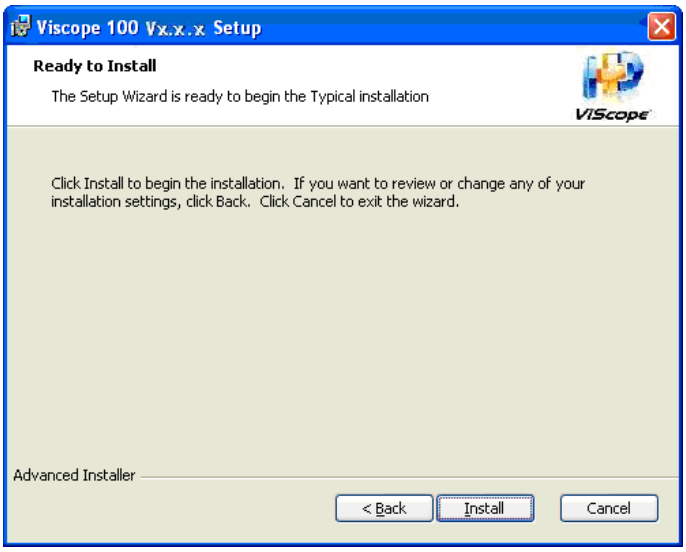
1. Select the 'ViScope 100 V 3.1 exe' from the contents of the CD.
Data acquisition Software→ Setup Files → ViScope 100 V3.1 exe
Select "Next"


Viscope 100 Vx.x.x Setup
Welcome to Viscope 100 VX.X.X Setup Wizard
The Setup Wizard will install Viscope 100 Vx.x.xon your computer. Click Next to continue or Cancel to exit the Setup Wizard.
ViScope
< Back
Next >
Cancel

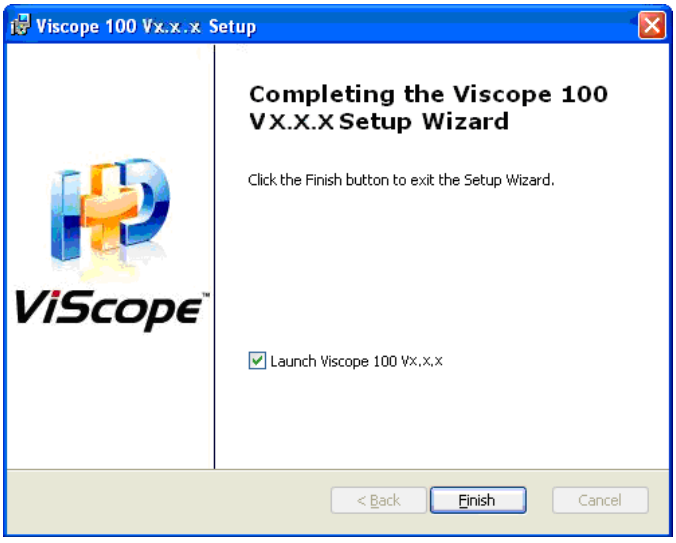
2. It is recommended to install the software in the default location specified in the below screen and click "Next"


Viscope 100 Vx.x.x Setup
Select Installation Folder
This is the folder where Viscope 100 Vx.x.x will be installed.
ViScope
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Folder:
C:\Program Files\Viscope 100 Vx.x.x\
Browse...
Advanced Installer
< Back
Next >
Cancel

3. This will automatically ask for confirmation to install; select "Install"


Viscope 100 Vx.x.x Setup
Ready to Install
The Setup Wizard is ready to begin the Typical installation
ViScope
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Advanced Installer
< Back
Install
Cancel

4. Once installation is complete, the following screen will be displayed



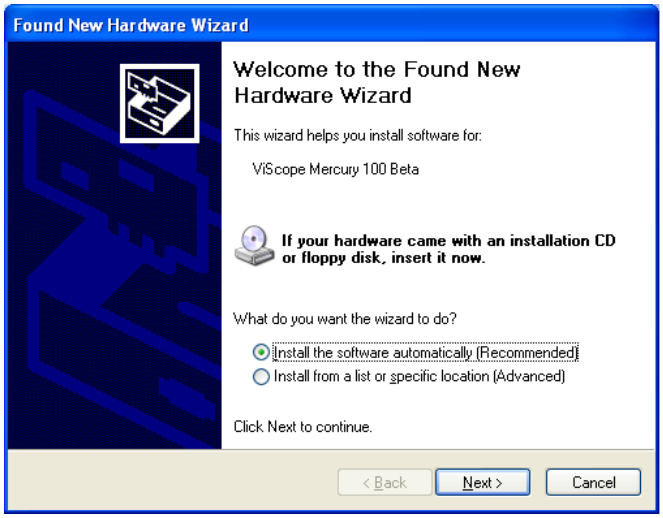
5. Select "Finish"

In case you need to start using 'ViScope 100 Software' immediately; you should click select the "Launch ViScope" option and make sure the device is first Powered ON and is then connected to the PC through the USB cable provided. The "New hardware detected & ready to use" pop up message window will appear.

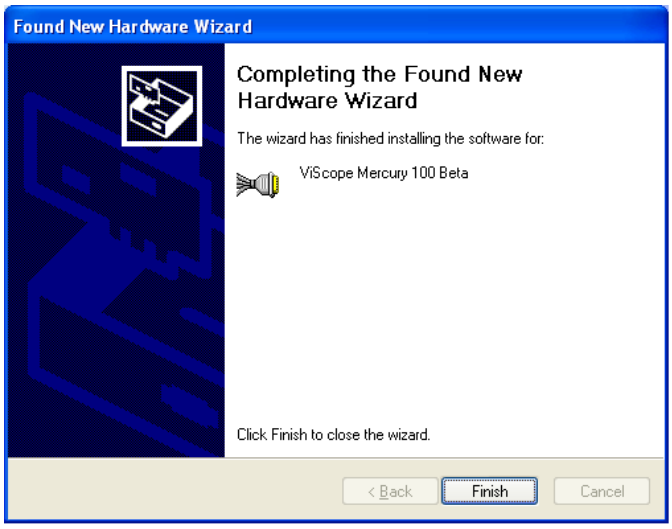
A Desktop Icon will automatically display after completing the above installation

7.5 Connecting ViScope 100 Device through Different USB Ports

1. In case it is re-connected to a different USB port, the port detection installation should be re-run as follows:
    a. Select the first option “Install the software automatically (Recommended)” and click ”Next”

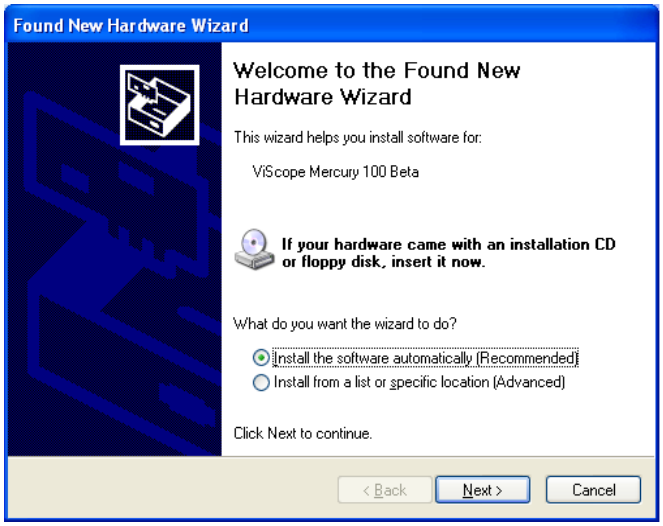

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
ViScope Mercury 100 Beta
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

    b. In case a verification testing screen appears click “Continue Anyway”
    c. Click “Finish” on the resulting screen

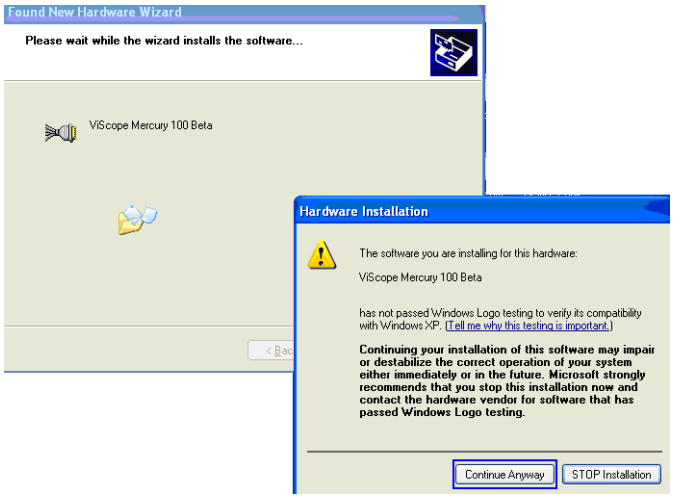

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
ViScope Mercury 100 Beta
Click Finish to close the wizard.
< Back
Finish
Cancel

    d. Now it would automatically install the port detection set up.

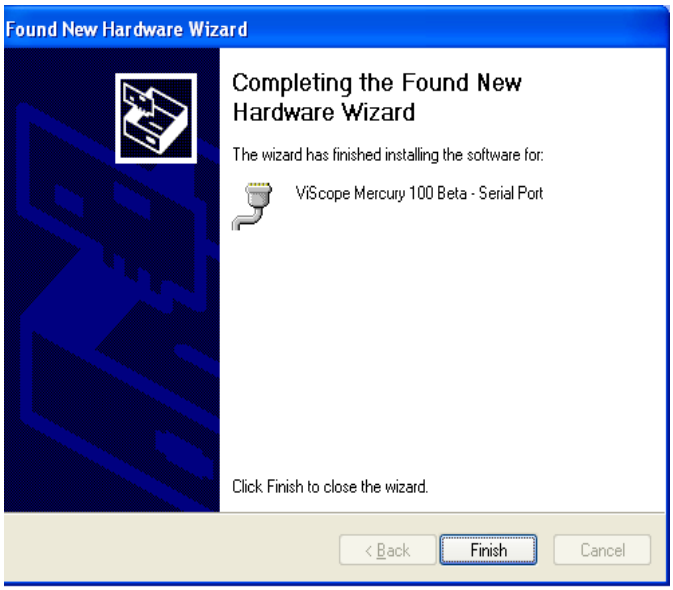
e. Select to detect automatically and continue by clicking “Next”


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
ViScope Mercury 100 Beta
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

f. Click “Continue Anyway” in logo verification & testing pop up.


Found New Hardware Wizard
Please wait while the wizard installs the software...
ViScope Mercury 100 Beta
Hardware Installation
The software you are installing for this hardware:
ViScope Mercury 100 Beta
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

g. The final screen would appear as below


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
ViScope Mercury 100 Beta - Serial Port
Click Finish to close the wizard.
< Back
Finish
Cancel

An audio confirmation can be heard after successful installation.

Disclaimer

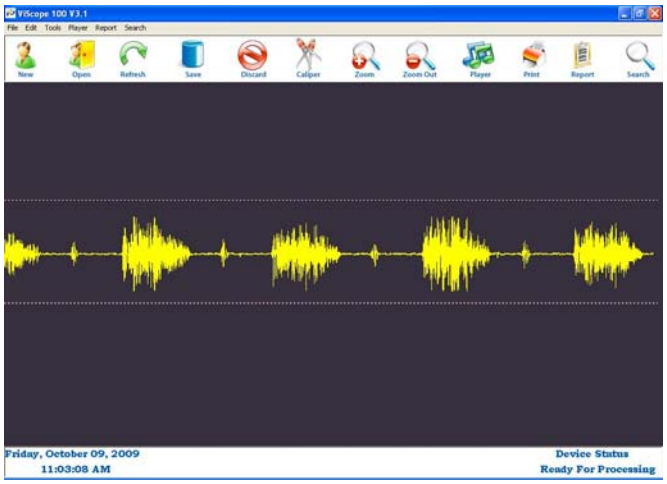
Anti-virus software can interfere with data collection from hardware devices. If by following the procedures mentioned above still if no signal displayed in the screen, please deactivate Anti-virus if installed/running and repeat the installation process.

Launching ViScope 100 Software

Check weather the Device and PC are connected through USB port, (Mini USB end of connector cable to ViScope 100 device, and other end to PC)

The device should be Powered ON

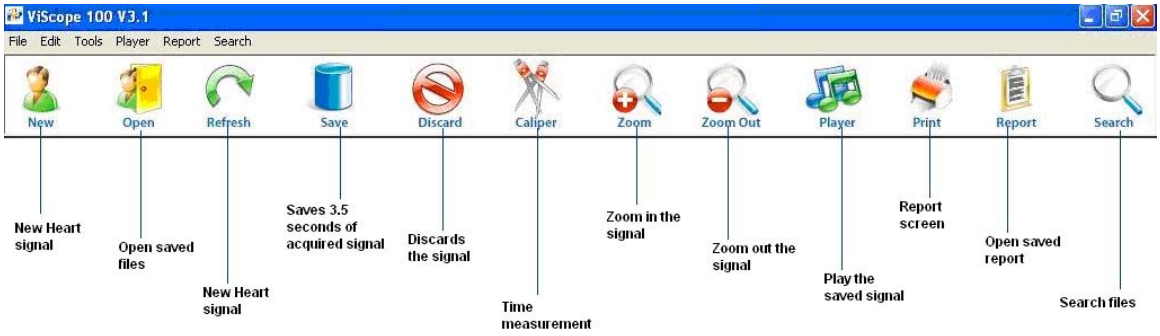
- Launch ViScope 100 Software by double clicking the short cut icon on the desktop.
- Alternatively select "ViScope 100" under the complete list of "Programs" from "Start menu". The opening screen displaying the controls and the sound signal from ViScope 100 device is displayed below.



Opening Screen of ViScope 100 Software

(**To know more about Operations of "ViScope 100" device, refer to the ViScope 100 User Manual**)

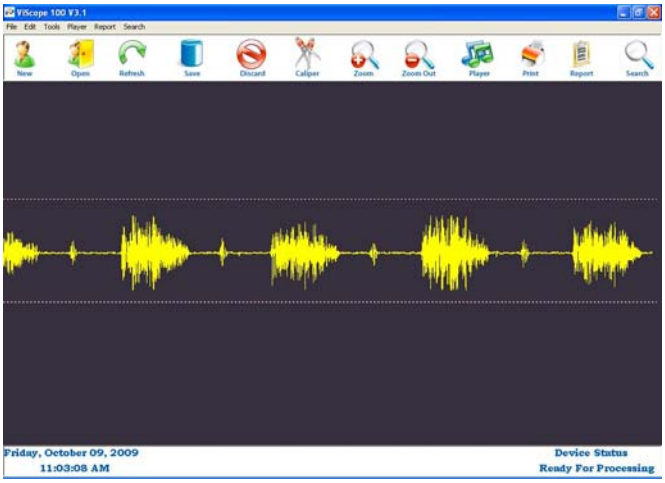
8 Tools & Their Functions



8.1 "Refresh" Button

The Software automatically obtains Real time data signals coming from ViScope 100 device as it is activated.

Irrespective of the display on the PC screen, when "Refresh" button is clicked, entire screen is refreshed and the real time signal from the device is displayed.

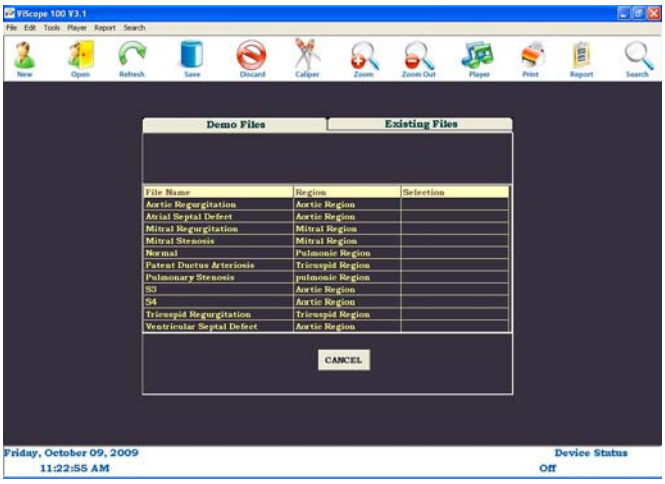


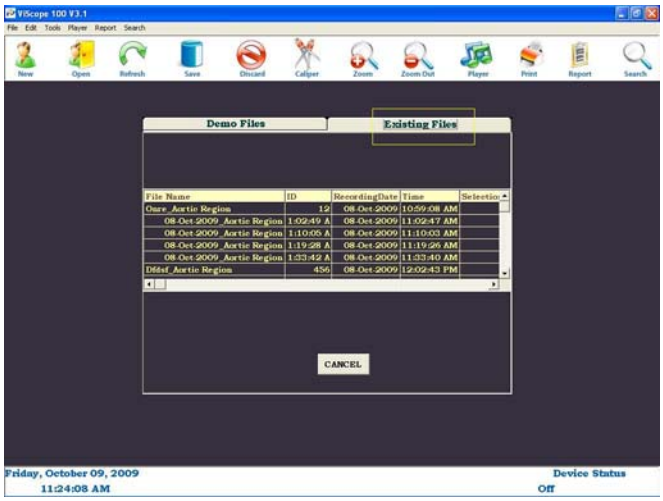
Message screen "Device Not Connected" appears if "Refresh" button is clicked without connecting a Powered ON ViScope 100 device.

8.2 "Open" Button

The "Open" button is used to open a saved heart sound signal.

1. By clicking open button two tabs displaying "Demo files" and "Existing files" will be displayed. The user can select any one of these tabs and select the listed files under each tab.
2. Demo files are the "Tutorial waveforms" for understanding normal/abnormal heart sounds where as, Existing files are the user saved files.

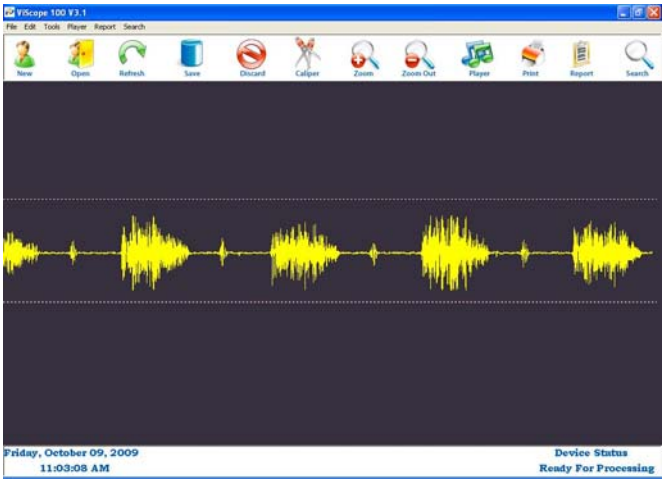




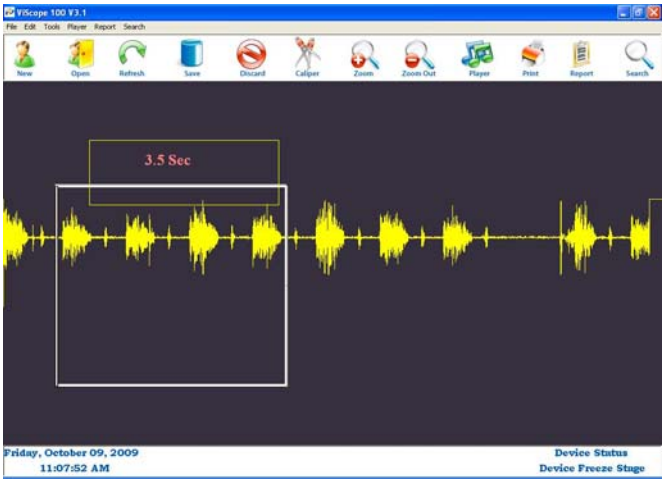
8.3 "Freeze" Button from Device (not in the software)

The Acquiring is done by clicking 'Freeze' button in the ViScope 100 device which acquires and displays 10 seconds of stationary trace of the heart sound signal coming in through the ViScope 100 device.

1. Position the ViScope 100 device suitably on the patient and wait till the real time heart sound signal stabilizes.
2. Check if the Real time data signal falls within the Upper and Lower limits provided. If not, adjust the Visual Gain of ViScope 100 device to a suitable level and obtain the required signal.



3. Click the "Freeze" button of the ViScope device and wait till the acquisition reaches 100%.
4. The acquired screen corresponds to 10 seconds of stationary trace of heart sound signal prior to the pressing of Freeze button. The selection panel of 3.5 seconds, as shown below, is displayed once the acquisition reaches 100%.



5. Select 3.5 seconds of good signal for further analysis using the selection panel.

NOTE: Just acquiring signal by pressing "Freeze" in ViScope 100 device by itself does not "SAVE" a heart sound signal to the PC.

In order to save an acquired signal, perform the "SAVE" operation after selecting 3.5 seconds signal.

Note:

To obtain a good signal without much external noise ensure that the Real time data signal obtained lies within the upper & lower limit lines.

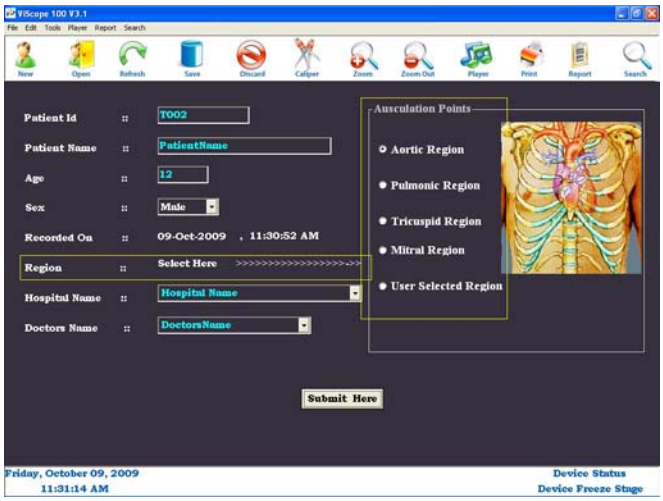
After clicking 'Freeze' wait, do not perform any other operation till 100% signal is acquired.

8.4 "Save" Button

The "Save" button is used to save an acquired signal in ".wav" format to the PC memory for further reference.

1. First acquire 10 Seconds Signal by pressing Freeze button in the device.
2. Select 3.5 seconds of good signal from it.
3. Click 'Save'.
4. Select position of Auscultation and Enter Patient ID if desired.
5. Select 'Submit'.
6. The files are saved in the default folder
   "C:\Program files\ViScope 100 V3.1" or to the desired folder destination the user had installed the software.

It is recommended to save all files under this folder date wise or as preferred by user in a systematic manner.



7. Provide a file name, select a position, entering age, sex, patient id, hospital name Doctors name and click "Submit Here".

NOTE:
If Patient's name & Id is left blank the file will be saved with system date & time as reference.

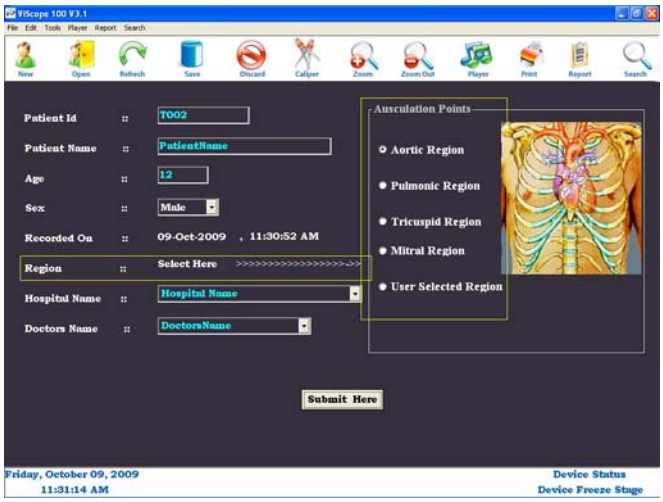
8.4.1 Transferring of waveforms to PC

1. The stored waveforms in the device can be transferred to PC for further analysis.
2. When the device is in freeze mode with the desired waveform[s] saved in the device. By connecting the device to the PC via USB cable, by opening the software and pressing "Transfer" icon in the device the stored waveforms can be transferred to the PC for analysis.

   Note: Please check the device user manual to know more about the waveforms transfer.

3. Once the waveforms are transferred to PC, Save, Zoom, Caliper, Print options will be activated for analysis.

4. The waveform(s) once transferred to PC will be displayed in the PC screen can be saved or discarded.
5. For saving the transferred waveforms, click 'Save'.
6. Select position of Auscultation and Enter Patient ID if desired.
7. Select "Submit Here".



The File name is restricted to a maximum of 20 characters.

Note:

Player will not work in transferred signals.

For simultaneous signals acquisition/waveforms transfer the user has to click 'New' button.

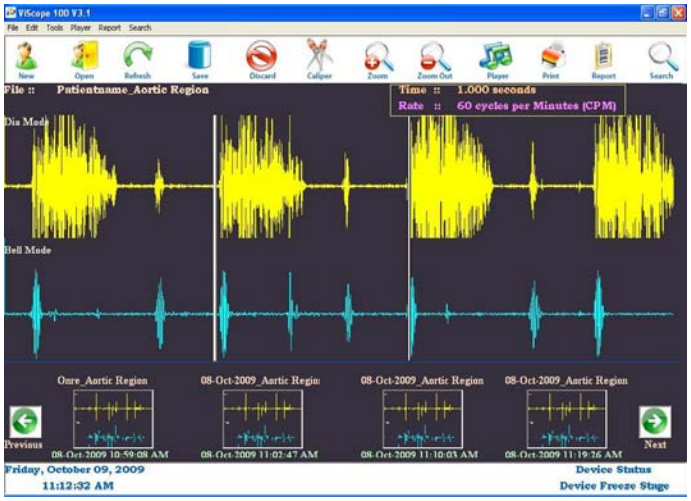
"Discard" Button

"Discard" Button is used to discard the obtained signal/Transferred signal and to proceed with a new auscultation.

8.5 "Caliper" Button

The "Caliper" button is used for making time duration measurements of acquired/saved/Transferred heart sound signals in PC. Caliper is mandatory for using "zoom" function.

1. Acquire a heart sound signal (or) open a saved signal.
2. Click the Caliper button and note that a pair of vertical lines appears over the heart sound signal displayed.
3. Align each caliper line to position on the signal between which the time duration to be measured.
4. The duration between positions of the caliper lines is displayed in "seconds" as shown below.
5. Approximate "Heart rate" will be displayed.



Disclaimer!

"In order to obtain correct heart rate, user must select adjacent cycles such as systole to next systole, or diastole to next diastole. Software converts the related time between beats to heart rate; it does not select the cycle time"

8.6 Thumb Views

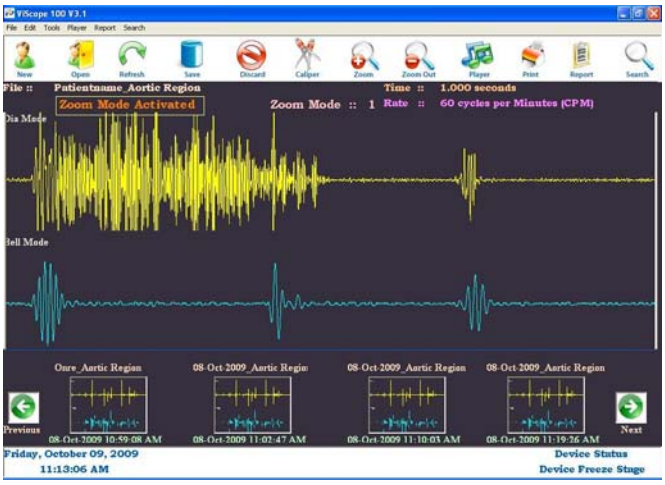
At the bottom of the screen there are thumb nail views of all the files that were recently used.

1. The user can browse the already opened signals through Thumb views.
2. Click on the respective thumb nail to open the respective file.

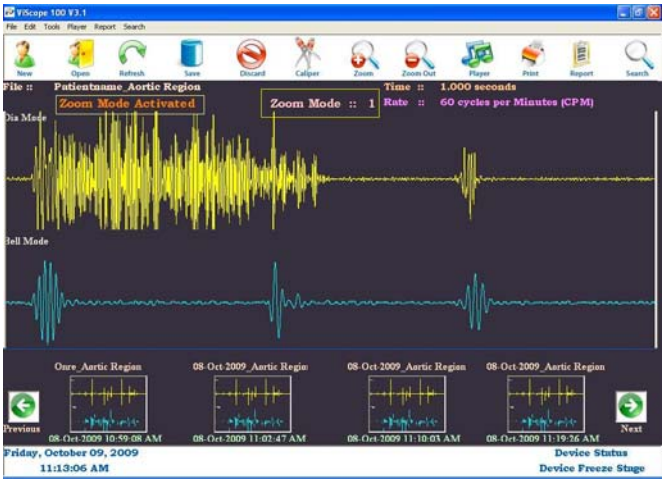
8.7 "Zoom" Button

The zoom button is used to magnify the displayed waveform along the horizontal direction. Used for closer observation of the heart sound patterns. When using the Calipers, it is mandatory to use "zoom" function in order to get correct timings.

1. Acquire a heart sound signal (or) open a saved signal (or) open the Transferred signal.
2. Click "Caliper", and select the region to be zoomed.



3. Click "Zoom" button. The message "Zoom mode activated" is displayed on the screen.
4. The region selected between the calipers is zoomed.



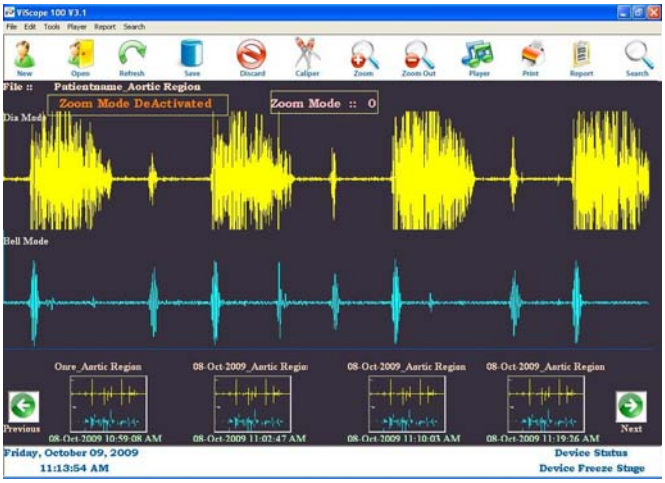
Display after Zoom in

Repeat the previous step for progressive "Zoom in".

The Zoom Level is indicated on the screen and is restricted to a maximum of 2 levels.

8.8 Zoom out

The original heart sound signal is displayed after clicking Zoom out. The indication 'Zoom Mode Deactivated' will be displayed.

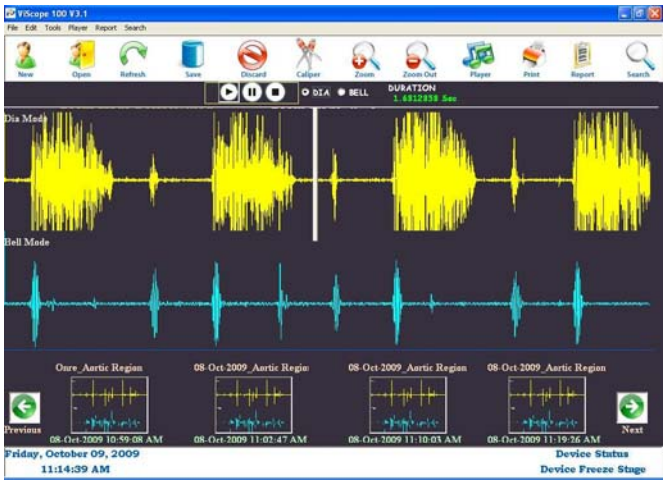


Display after Zoom out

8.9 Player

Player button is used to play the signal.

1. The saved waveform of 3.5 seconds signal can be played/paused/Stopped.
2. "Bell" or "Dia" waveforms can be played separately by selecting Bell or Dia mode in the player option.

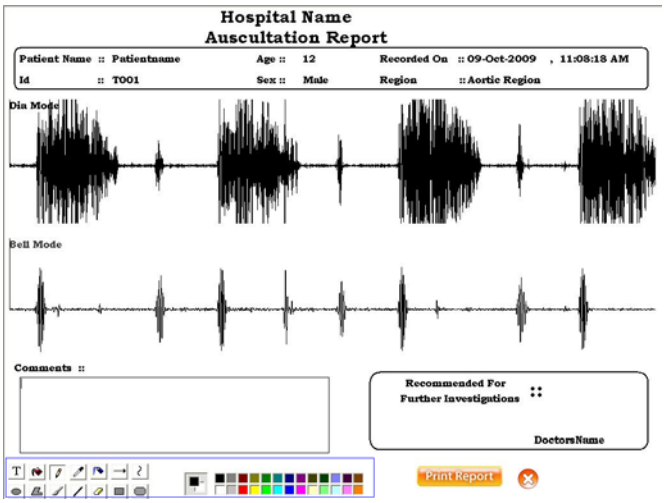


The Player will not work for the transferred waveforms

8.10 Print Button

Print button is used to obtain a printable report format of the heart sound signal on display.

1. Acquire a heart sound signal (or) open a saved signal (or) open Transferred signal.
2. Click "Print "
3. The report screen as shown below is displayed.
4. If the report of a saved signal is viewed, the file name will appear automatically in the "Name" field.
5. Click "Print Report" to complete printing.
6. The system default printer is selected for printing.
7. The paint tools are included in the report for annotation.

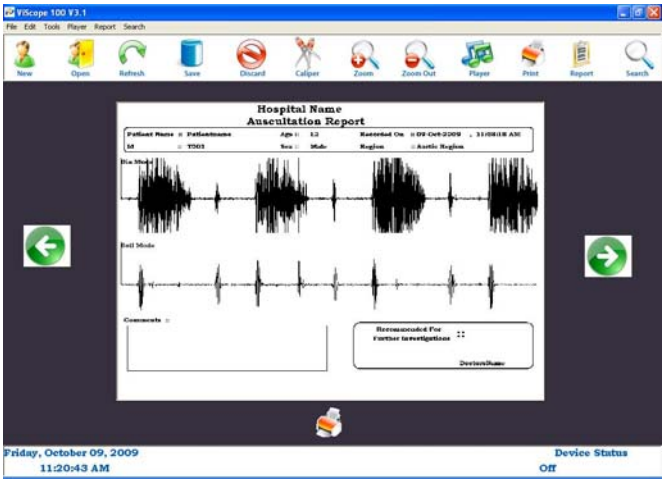


Note:

1. **Using Paint tools the user annotates the signals as desired.**
2. **If the Transferred signals is not saved and if Print option is selected an empty pop up will appear where the user can enter the details if necessary.**
3. **After printing, the reports will be automatically saved in the default folder. C:\Program files\ViScope 100 V3.1\Reports backup or user defined destination while installation**

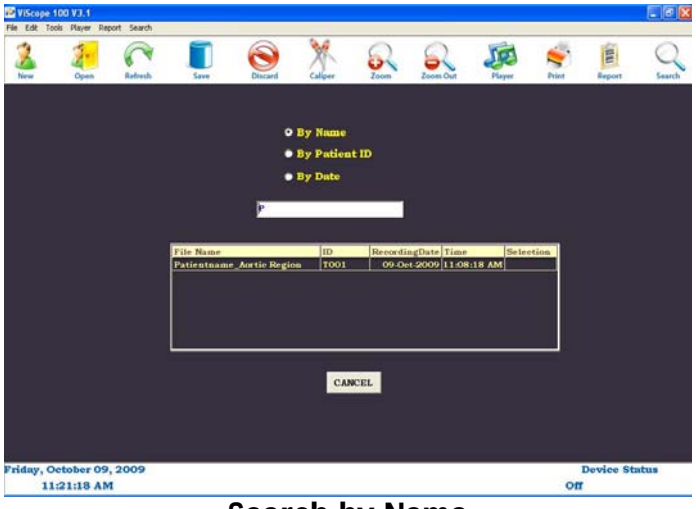
8.11 Report

Clicking Report button, opens a window to access previously saved reports.
The left and right arrows are used for scrolling the already saved reports.

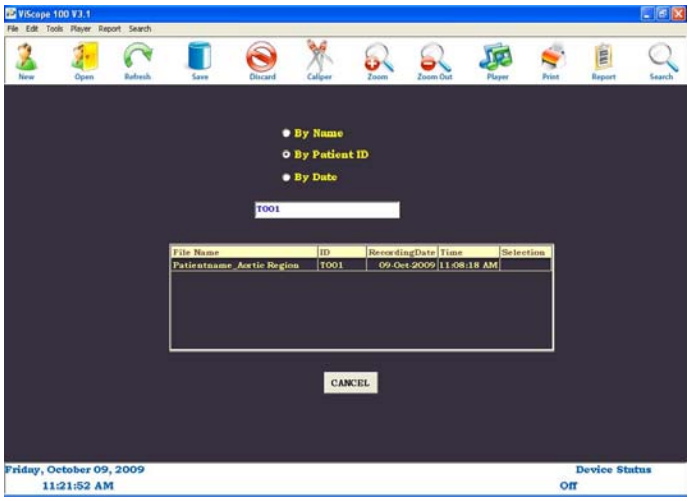


8.12 Search

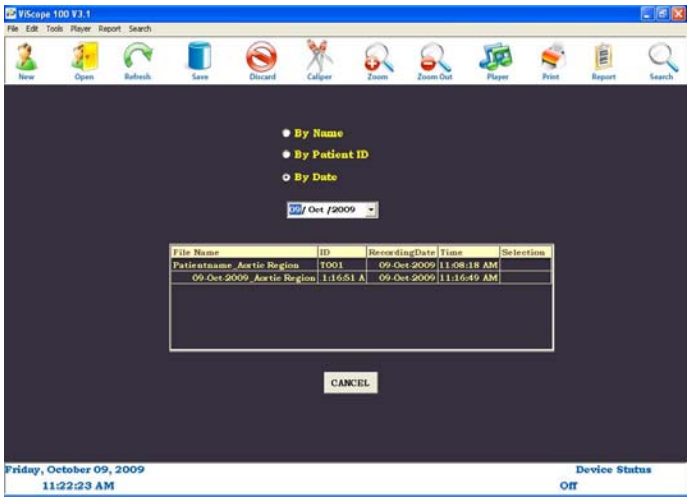
By clicking Search button, the user can search the files by Name, ID, and Date.
The user has to enter the details in the specified box and has to press Enter or viewing the results.



Search by Name



Search by ID


ViScope 100 V3.1
File Edit Tools Player Report Search
New Open Refresh Save Discard Caliper Zoom Zoom Out Player Print Report Search
By Name
By Patient ID
By Date
Oct /2009
File Name ID RecordingDate Time Selection
Patientname_Aortic Region T001 09-Oct-2009 11:08:18 AM
09-Oct-2009_Aortic Region 1:16:51 A 09-Oct-2009 11:16:49 AM
CANCEL
Friday, October 09, 2009
11:22:23 AM
Device Status
Off

Search by Date

9 Uninstalling ViScope 100 Software

Note:

It is recommended to take a back up of the complete 'saved files' as well as 'saved reports' to a separate location / save it as back up in a CD or any storage device before selecting uninstall option.

- Select ViScope 100 from the list of programs (Start-Programs-ViScope 100) and click on "Uninstall ViScope 100'
- Alternatively, go to Control Panel and open the "Add/Remove programs list. Select the ViScope 100 program and click on "Remove".

10 Common Error Messages and Rectification

Error message	Possible Causes	Solution
" Device Not Connected"	- The Device is Not Connected properly (or) - The Device is NOT Powered ON. - PC would not have recognized the device	- Check whether the device is connected to the PC properly. Check both ends of the USB Cable connectors. - Power ON the device, Plug the device to the PC and Start the ViScope 100 Software. - Check whether the USB – Port driver software is installed properly. If not Re-install it - Follow the Instructions referred in Section-7.5
" Device in Freeze State [or] Device is in Power off State, Please Release Freeze Button"	- The new button is clicked without releasing the previous freeze state	– Press Freeze Button on Device once to Release the freeze state.
" Select Auscultation region"	- The auscultation region has to be selected.	– Select a auscultation region or enter a user selected region.
" You have reached maximum zoom level"	Maximum limit in zoom has been achieved	- Close the Message and return to previous display Screen.
"Activate Caliper"	When the user tries to click zoom without initiating caliper.	- press Caliper to select the region to be zoomed
"Select Zoom Area"	When user clicks Zoom without Selecting a region using the caliper	- select region to be Zoomed using the caliper initiated.
"Enter the number only"	Patients Age should be numeric	- Enter a numeric value
"Report screen is loading, Please wait"	When the user clicks once again before the screen loads.	- Please wait till the screen loading is

		complete
"Viscope 100 software already in use"	When the user clicks Viscope shortcut icon to open software that is already in use.	- maximize the minimized window panel from the desktop.
" Please check the Printer connection"	printer is not connected properly with the PC	- Check the printer connection.